

STREPTOCOCCAL DISEASE, INVASIVE GROUP A (GAS)

Invasive group A streptococcal infections may manifest as any of several clinical syndromes:

- **Pneumonia**
- **Bacteremia** in association with cutaneous infection (e.g., cellulitis, erysipelas, or infection of a surgical or nonsurgical wound)
- **Deep soft-tissue infection** (e.g., myositis or necrotizing fasciitis)
- **Meningitis, peritonitis, osteomyelitis, septic arthritis, postpartum sepsis, neonatal sepsis, and nonfocal bacteremia**

Laboratory criteria for confirmation:

- Isolation of group A *Streptococcus* (*Streptococcus pyogenes*) by culture from a normally sterile site (e.g., blood or cerebrospinal fluid, or less commonly, joint, pleural, or pericardial fluid)

	1998	1999
Number of Cases	13	26
Rate per 100,000	.33	.66

In **1998** twelve of the cases occurred within two health districts. Northern Kentucky District reported 7 cases for a rate of 1.9 cases per 100,000 and North Central District reported 5 cases for a rate of .59 cases per 100,000. The age of patients ranged from 1 year to 91 years.

In **1999** the Green River District reported the highest rate of 2.9 cases per 100,000 (6 cases). The remaining 20 cases were distributed among 7 other districts across the state. The age range for cases was from 1 year to 76 years of age.